20HTTO"S98E760

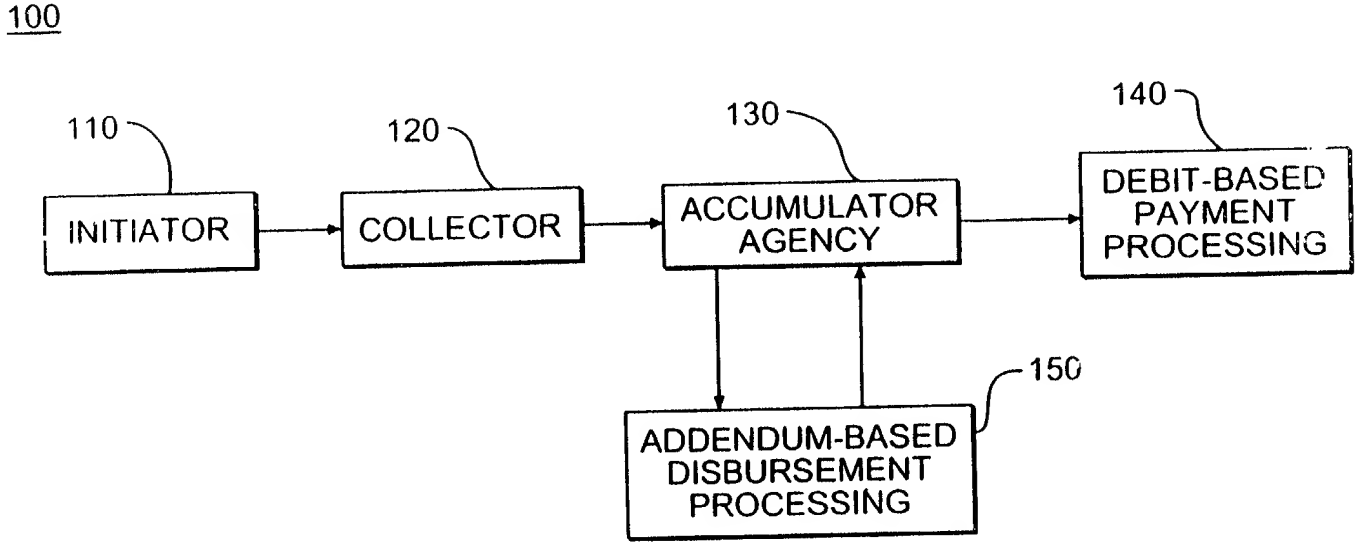

FIG. 1

20HTTO" S98E760

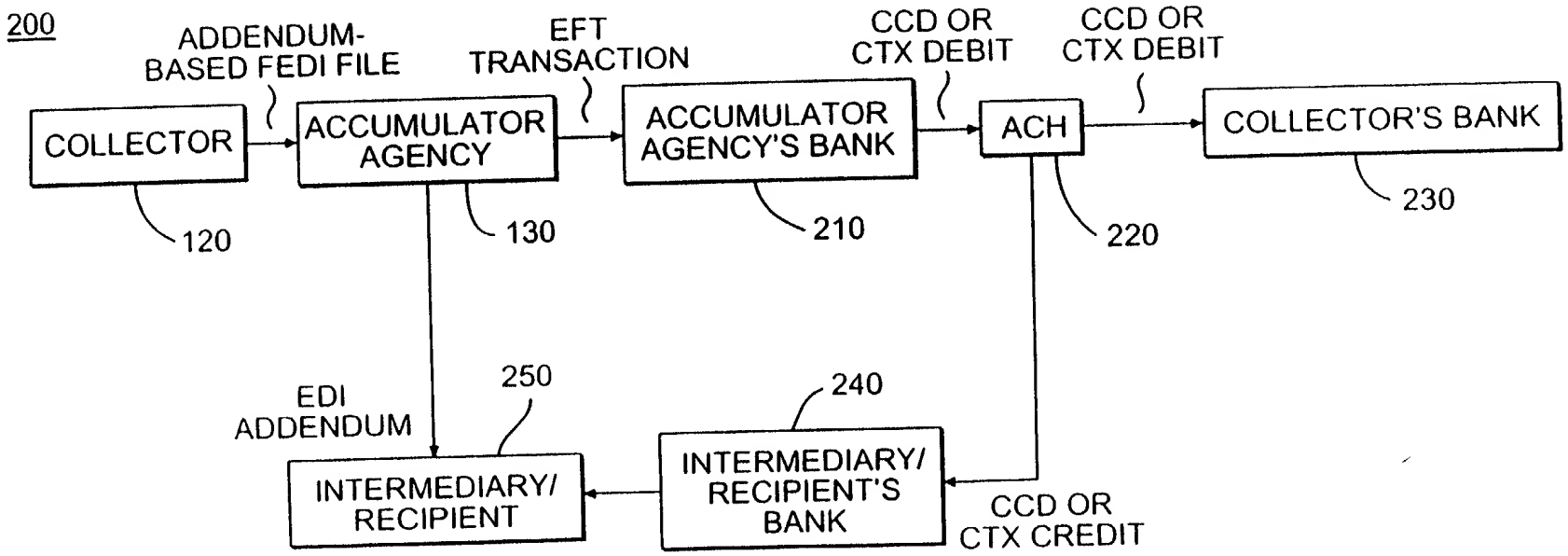

FIG. 2

20HTTO"598E7660

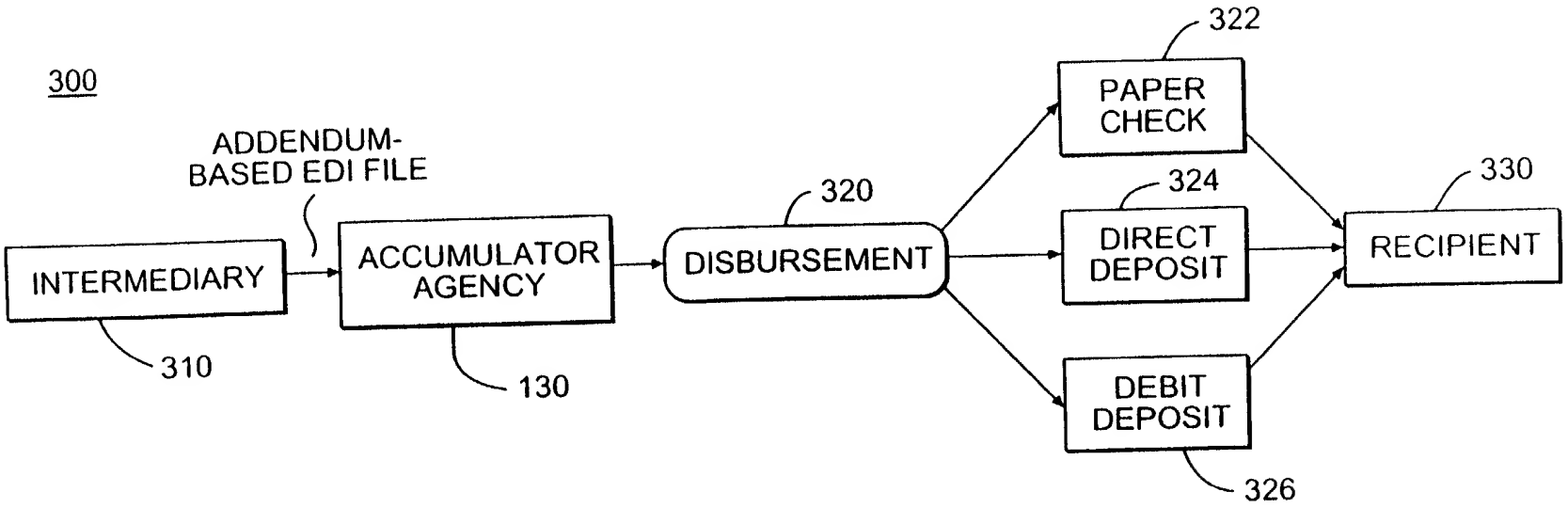

FIG. 3

20HTTO" S98E760

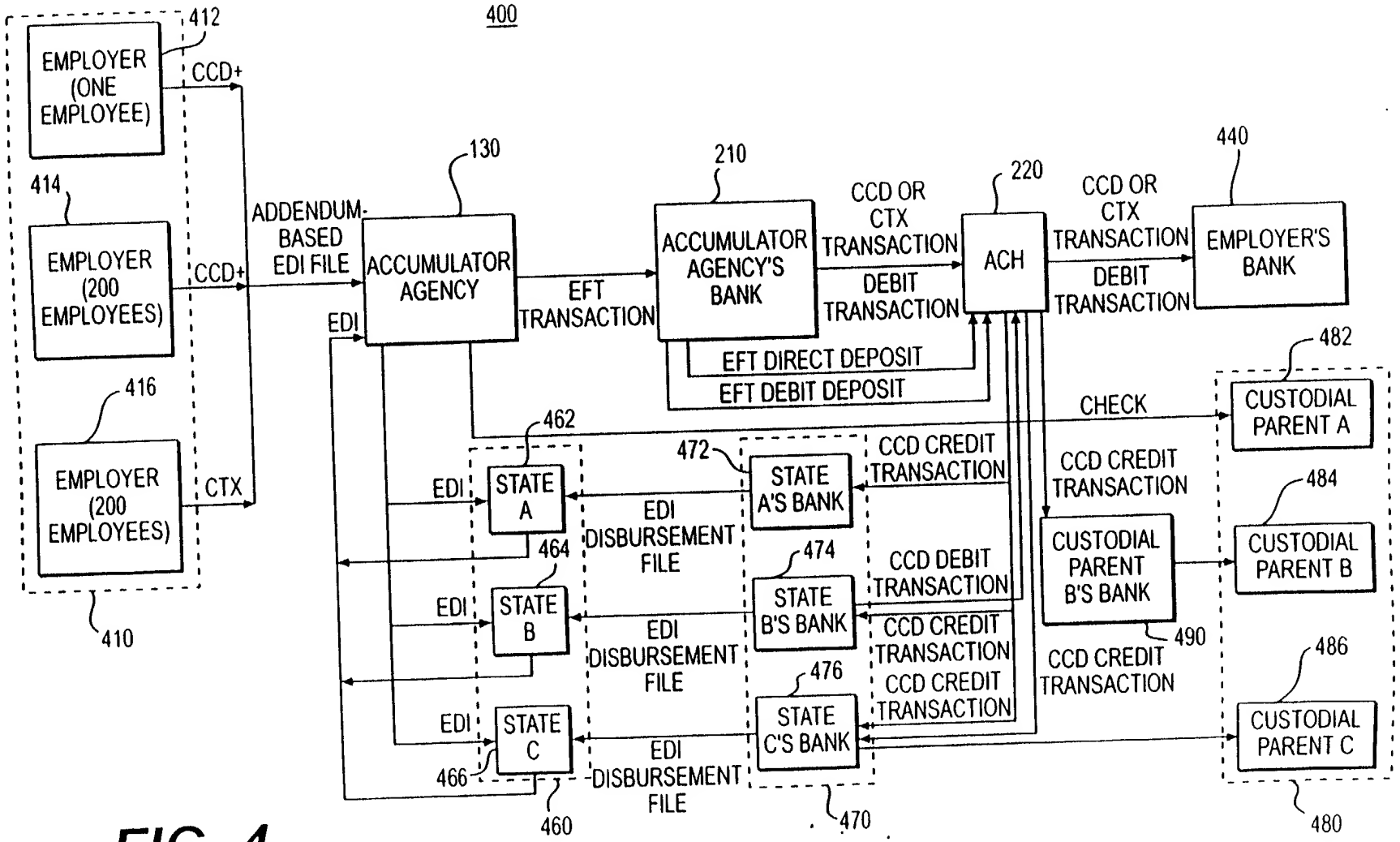

FIG. 4

120

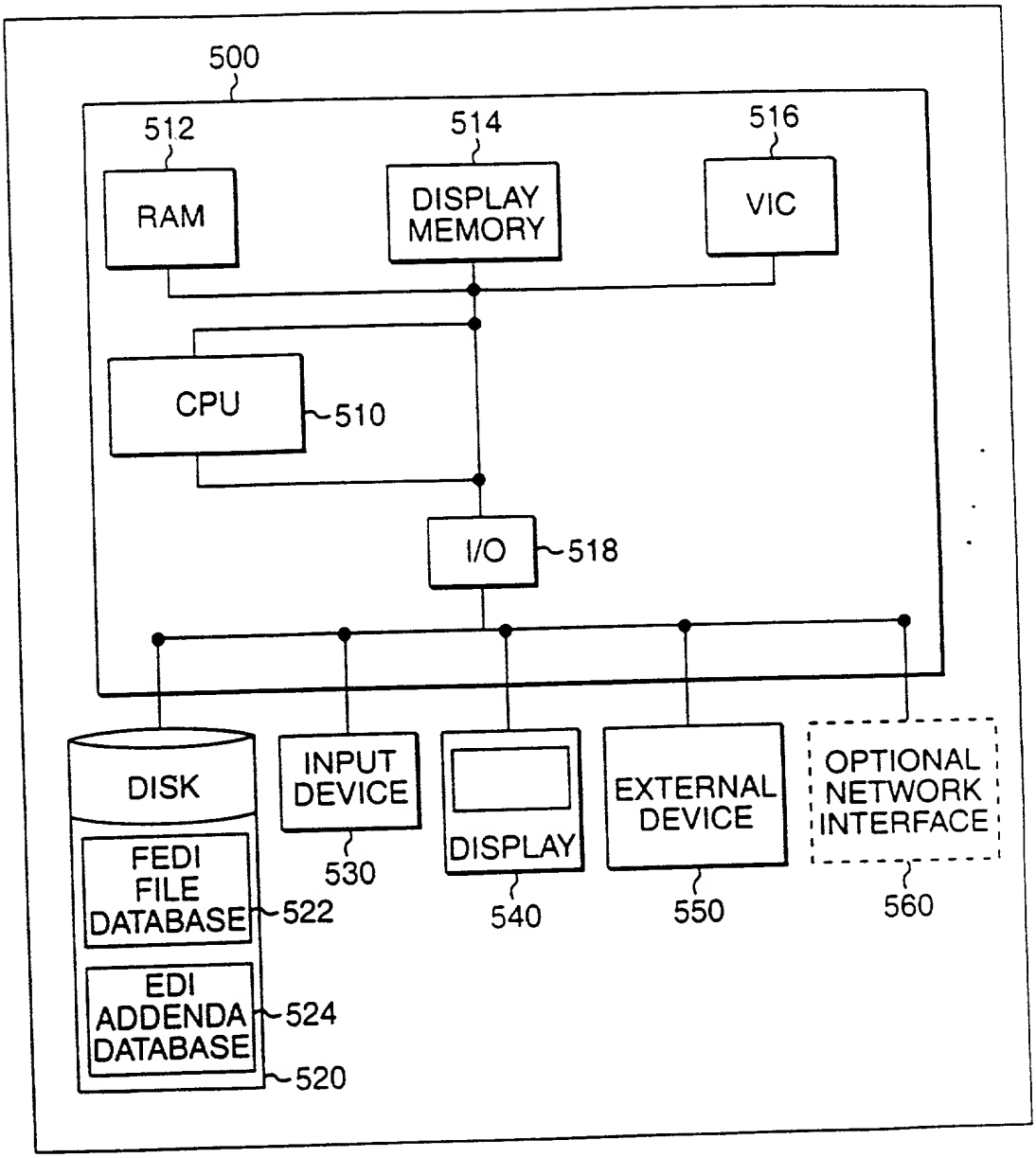
500
512
RAM
514
DISPLAY MEMORY
516
VIC
CPU
510
I/O
518
DISK
FEDI FILE DATABASE
522
EDI ADDENDA DATABASE
524
520
INPUT DEVICE
530
DISPLAY
540
EXTERNAL DEVICE
550
OPTIONAL NETWORK INTERFACE
560

FIG. 5

130

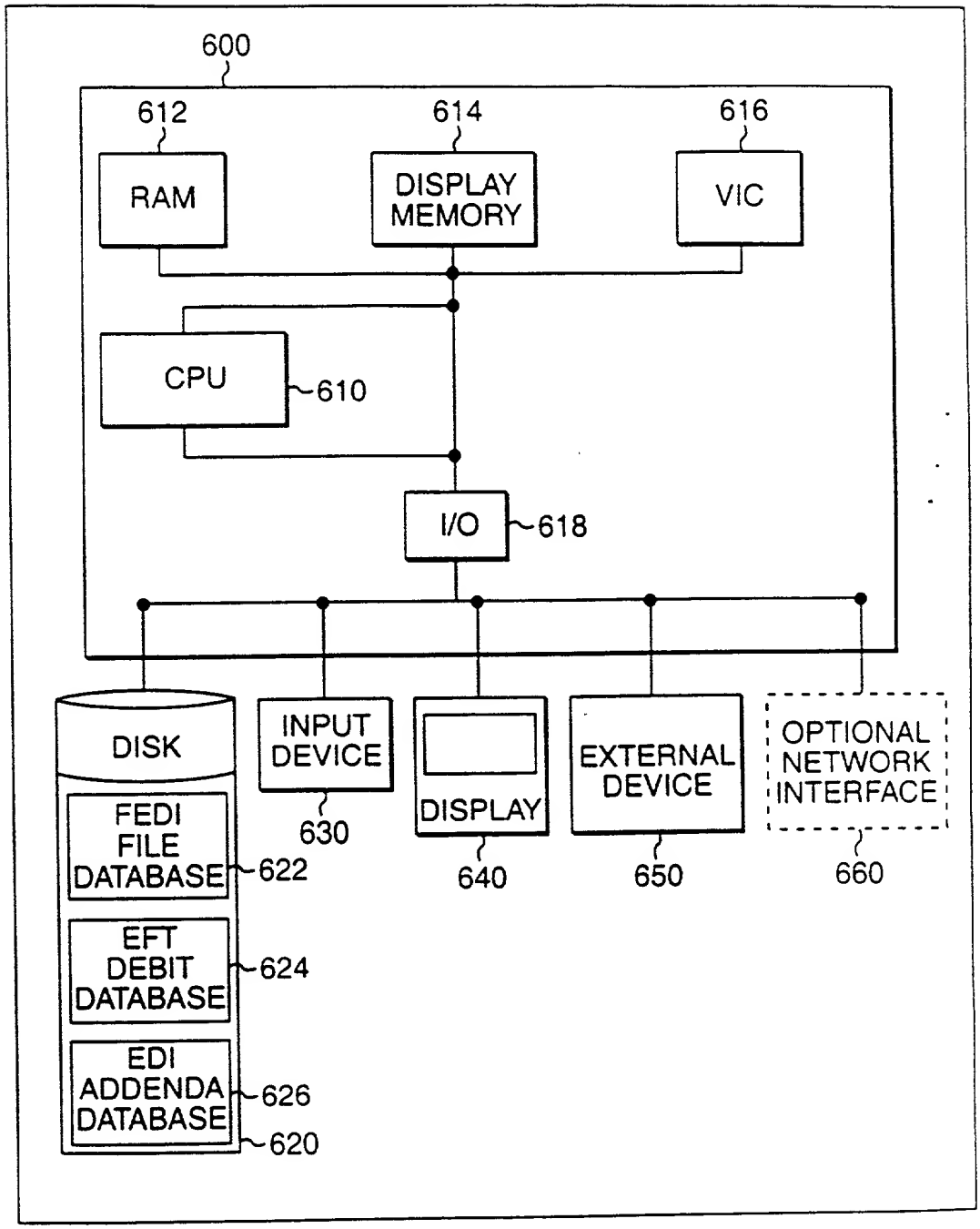
600
612
614
616
RAM
DISPLAY MEMORY
VIC
CPU
610
I/O
618
DISK
INPUT DEVICE
DISPLAY
EXTERNAL DEVICE
OPTIONAL NETWORK INTERFACE
FEDI FILE DATABASE
622
630
640
650
660
EFT DEBIT DATABASE
624
EDI ADDENDA DATABASE
626
620

FIG. 6

250

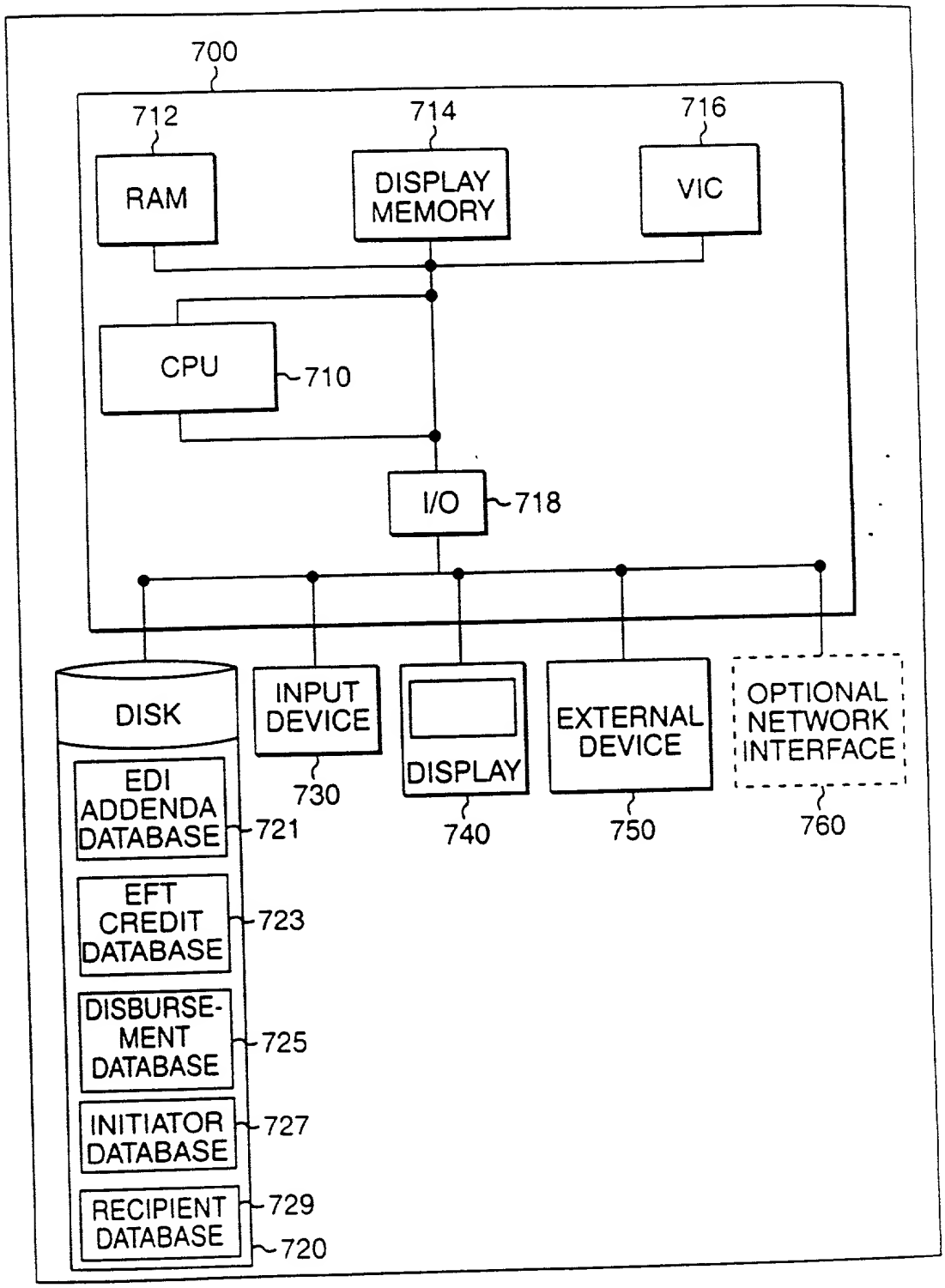
700
712
RAM
714
DISPLAY MEMORY
716
VIC
CPU
710
I/O
718
DISK
INPUT DEVICE
730
DISPLAY
740
EXTERNAL DEVICE
750
OPTIONAL NETWORK INTERFACE
760
EDI ADDENDA DATABASE
721
EFT CREDIT DATABASE
723
DISBURSE-MENT DATABASE
725
INITIATOR DATABASE
727
RECIPIENT DATABASE
729
720

FIG. 7

20HTTO"598E7660

FIELD	1	2	3	4	5	6	7	8	9	10	11
DATA ELEMENT NAME	RECORD TYPE CODE	TRANSACTION CODE	RECEIVING DFI IDENTIFICATION	CHECK DIGIT	DFI ACCOUNT NUMBER	AMOUNT	IDENTIFICATION NUMBER	RECEIVING COMPANY NAME	DISCRETIONARY DATA	ADDENDA RECORD INDICATOR	TRACE NUMBER
FIELD INCLUSION REQUIREMENT	M	M	M	M	R	M	O	R	O	M	M
CONTENTS	'6'	NUMERIC	TTTTAAAA	NUMERIC	ALPHANUMERIC	$$$$$$$$cc	ALPHANUMERIC	ALPHANUMERIC	ALPHANUMERIC	NUMERIC	NUMERIC
LENGTH	1	2	8	1	17	10	15	22	2	1	15
POSITION	01-01	02-03	04-11	12-12	13-39	30-39	40-54	55-76	77-76	79-79	80-94

FIG. 8A

FIELD	1	2	3	4	5	6	7	8	9
DATA ELEMENT NAME	RECORD TYPE CODE	TRANSACTION CODE	RECEIVING DFI IDENTIFICATION	CHECK DIGIT	DFI ACCOUNT NUMBER	TOTAL AMOUNT	IDENTIFICATION NUMBER	NUMBER OF ADDENDA RECORDS	RECEIVING COMPANY NAME/ID NUMBER
FIELD INCLUSION REQUIREMENT	M	M	M	M	R	M	O	R	R
CONTENTS	'6'	NUMERIC	TTTTAAAA	NUMERIC	ALPHANUMERIC	$$$$$$$$¢¢	ALPHANUMERIC	NUMERIC	ALPHANUMERIC
LENGTH	1	2	8	1	17	10	15	4	16
POSITION	01-01	02-03	04-11	12-12	13-39	30-39	40-54	55-58	59-74

FIELD	10	11	12	13
DATA ELEMENT NAME	RESERVED	DISCRETIONARY DATA	ADDENDA RECORD INDICATOR	TRACE NUMBER
FIELD INCLUSION REQUIREMENT	N/A	O	M	M
CONTENTS	BLANK	ALPHANUMERIC	NUMERIC	NUMERIC
LENGTH	2	2	1	15
POSITION	75-76	77-78	79-79	80-94

FIG. 8B

FIELD	1	2	3	4	5
DATA ELEMENT NAME	RECORD TYPE RECORDING	ADDENDA TYPE CODE	PAYMENT RELATED INFORMATION	ADDENDA SEQUENCE NUMBER	ENTRY DETAIL SEQUENCE NUMBER
FIELD INCLUSION REQUIREMENT	M	M	O	M	M
CONTENTS	'7'	'0.5'	ALPHANUMERIC	NUMERIC	NUMERIC
LENGTH	1	2	80	4	7
POSITION	01-01	02-03	04-83	84-87	88-94

FIG. 9A

ELEMENT	COMMENTS	CONTENT	ATTRIBUTES		
			1	2	3
	SEGMENT IDENTIFIER	DED	M	ID	3/3
DED01	APPLICATION IDENTIFIER	CS	M	ID	2/2
DED02	CASE IDENTIFIER	XXXXXXXXX	M	AN	1/20
DED03	PAY DATE	YYMMDD	M	DT	6/6
DED04	PAYMENT AMOUNT	$$$$$$$$CC	M	N2	1/10
DED05	NON-CUSTODIAL PARENT SOCIAL SECURITY NUMBER	XXXXXXXXX	M	AN	9/9
DED06	MEDICAL SUPPORT INDICATOR	'Y'-YES, 'N'-NO	M	AN	1/1
DED07	NON-CUSTODIAL PARENT NAME	XXXXXXXXXX	O	AN	1/10
DED08	FIPS CODE	XXXXXX	O	AN	5/7
DED09	EMPLOYMENT TERMINATION INDICATOR	'Y'-YES	O	AN	1/1

FIG. 9B

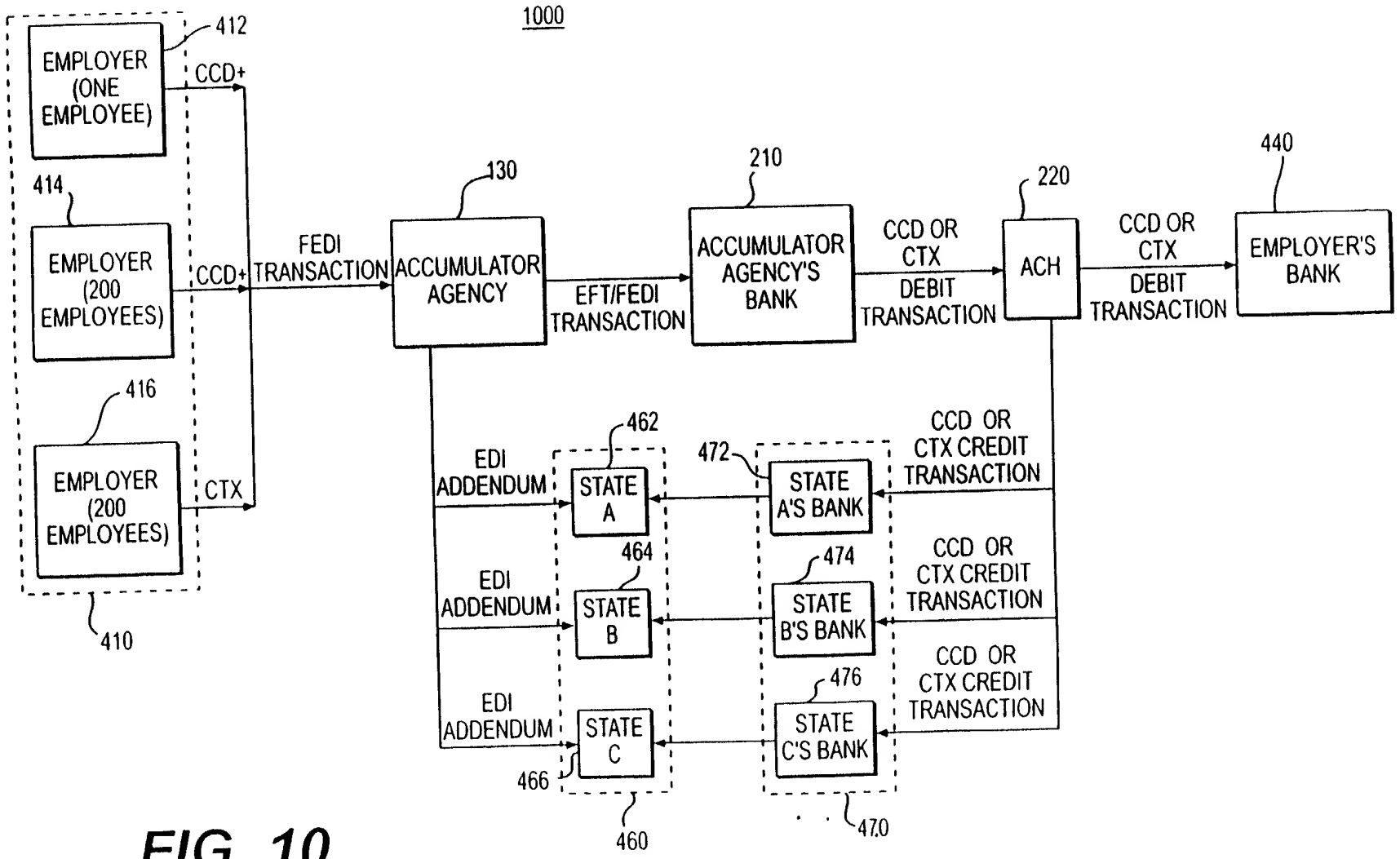
1000
EMPLOYER (ONE EMPLOYEE)
412
CCD+
414
EMPLOYER (200 EMPLOYEES)
CCD+
416
EMPLOYER (200 EMPLOYEES)
CTX
410
FEDI TRANSACTION
130
ACCUMULATOR AGENCY
EFT/FEDI TRANSACTION
210
ACCUMULATOR AGENCY'S BANK
CCD OR CTX DEBIT TRANSACTION
220
ACH
CCD OR CTX DEBIT TRANSACTION
440
EMPLOYER'S BANK
EDI ADDENDUM
462
STATE A
464
EDI ADDENDUM
STATE B
EDI ADDENDUM
STATE C
466
460
472
STATE A'S BANK
CCD OR CTX CREDIT TRANSACTION
474
STATE B'S BANK
CCD OR CTX CREDIT TRANSACTION
476
STATE C'S BANK
CCD OR CTX CREDIT TRANSACTION
470

FIG. 10

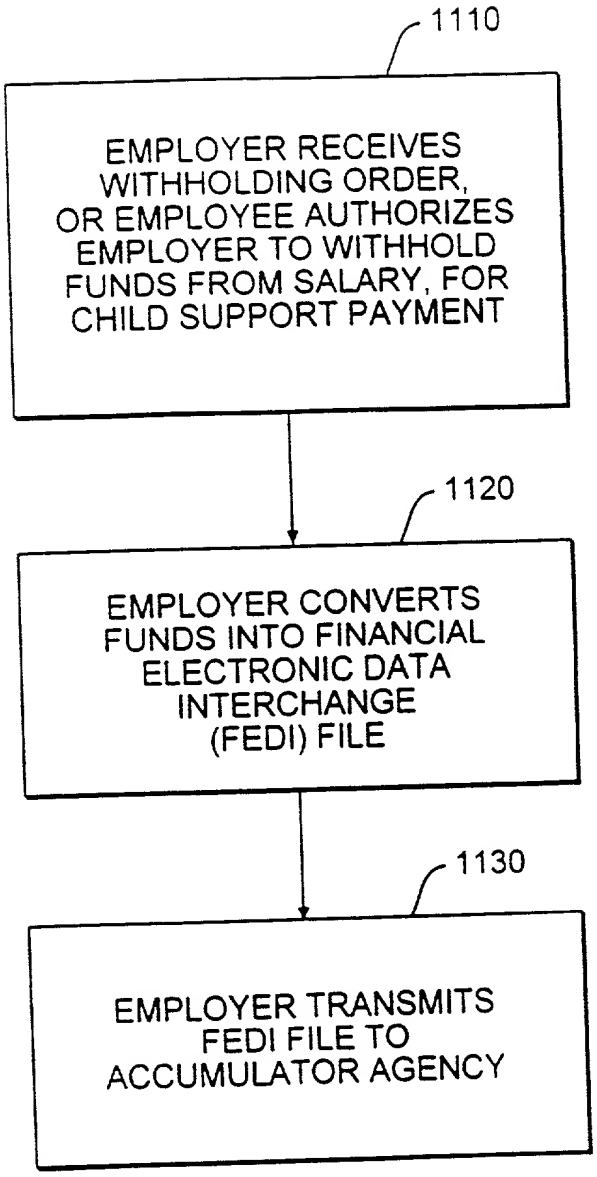
1110
EMPLOYER RECEIVES WITHHOLDING ORDER, OR EMPLOYEE AUTHORIZES EMPLOYER TO WITHHOLD FUNDS FROM SALARY, FOR CHILD SUPPORT PAYMENT
1120
EMPLOYER CONVERTS FUNDS INTO FINANCIAL ELECTRONIC DATA INTERCHANGE (FEDI) FILE
1130
EMPLOYER TRANSMITS FEDI FILE TO ACCUMULATOR AGENCY

FIG. 11

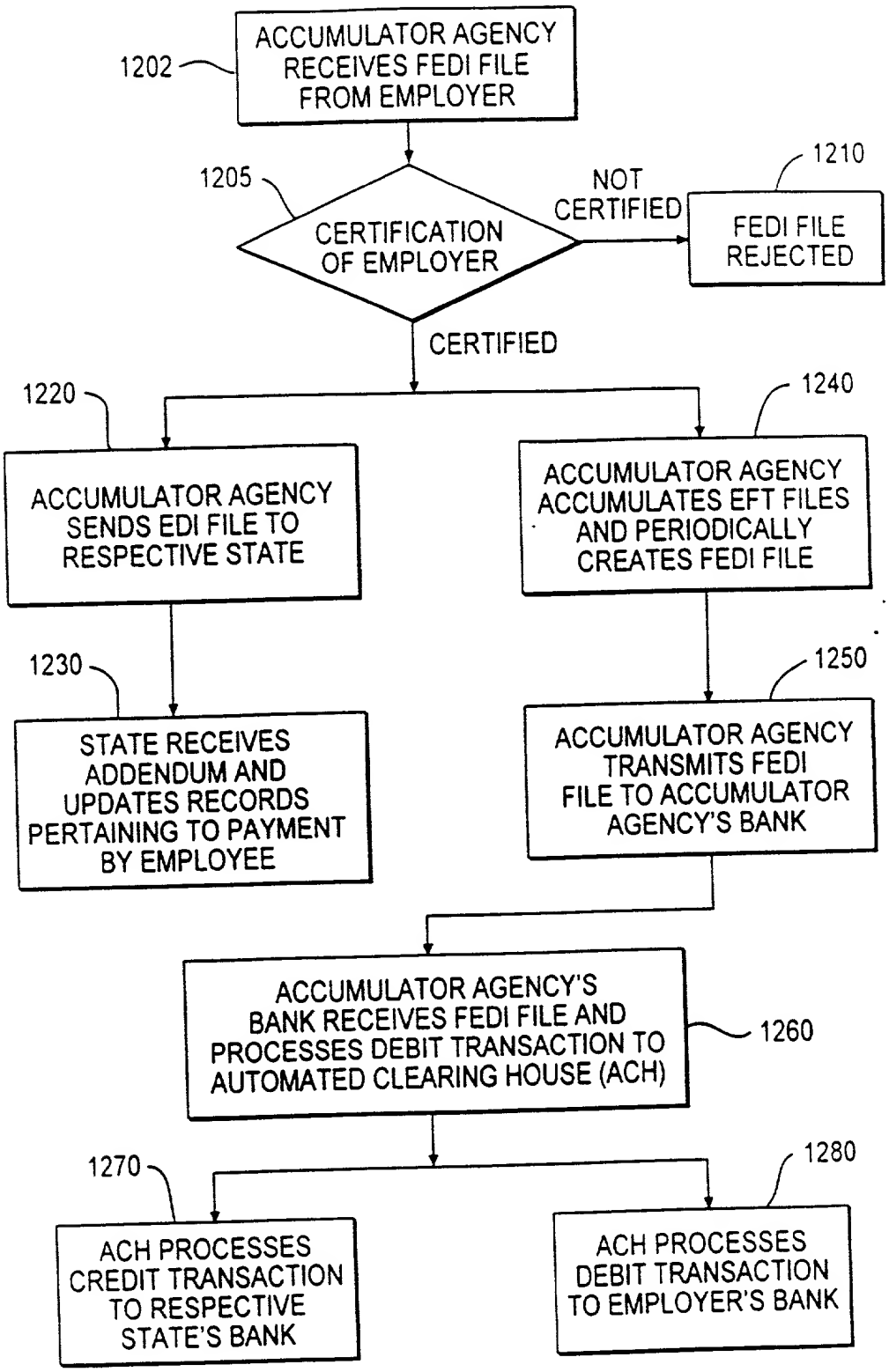
ACCUMULATOR AGENCY RECEIVES FEDI FILE FROM EMPLOYER
1202
1205
CERTIFICATION OF EMPLOYER
NOT CERTIFIED
1210
FEDI FILE REJECTED
CERTIFIED
1220
ACCUMULATOR AGENCY SENDS EDI FILE TO RESPECTIVE STATE
1240
ACCUMULATOR AGENCY ACCUMULATES EFT FILES AND PERIODICALLY CREATES FEDI FILE
1230
STATE RECEIVES ADDENDUM AND UPDATES RECORDS PERTAINING TO PAYMENT BY EMPLOYEE
1250
ACCUMULATOR AGENCY TRANSMITS FEDI FILE TO ACCUMULATOR AGENCY'S BANK
ACCUMULATOR AGENCY'S BANK RECEIVES FEDI FILE AND PROCESSES DEBIT TRANSACTION TO AUTOMATED CLEARING HOUSE (ACH)
1260
1270
ACH PROCESSES CREDIT TRANSACTION TO RESPECTIVE STATE'S BANK
1280
ACH PROCESSES DEBIT TRANSACTION TO EMPLOYER'S BANK

FIG. 12

20HTTO" 5988760

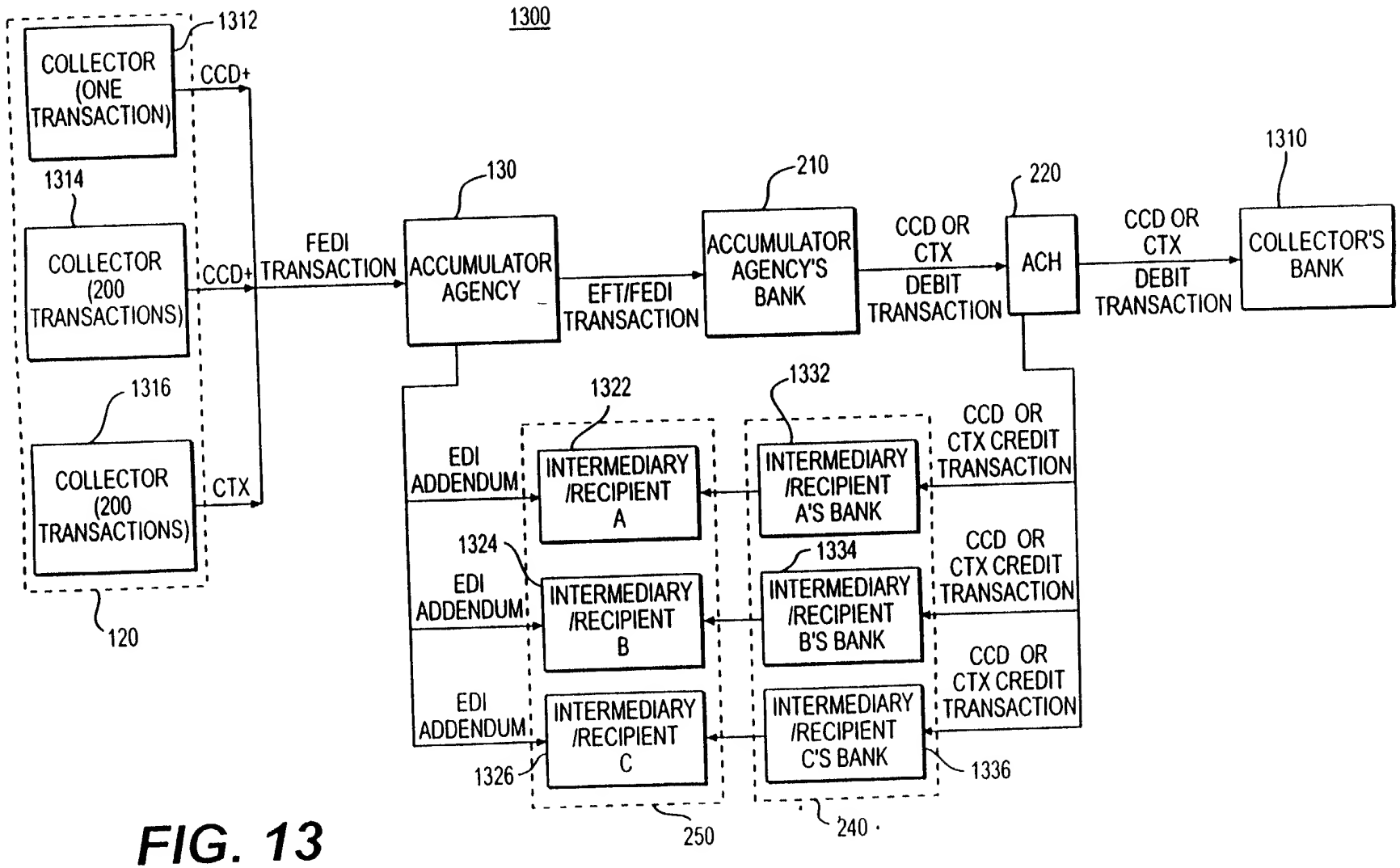

FIG. 13

Document - 2005-0054-0

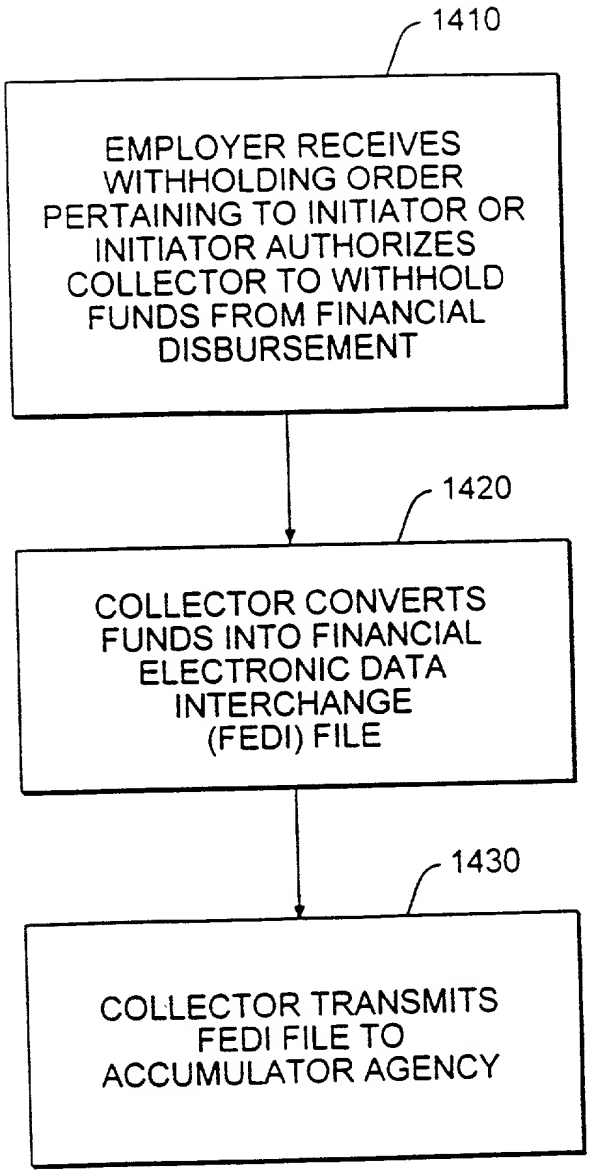

FIG. 14

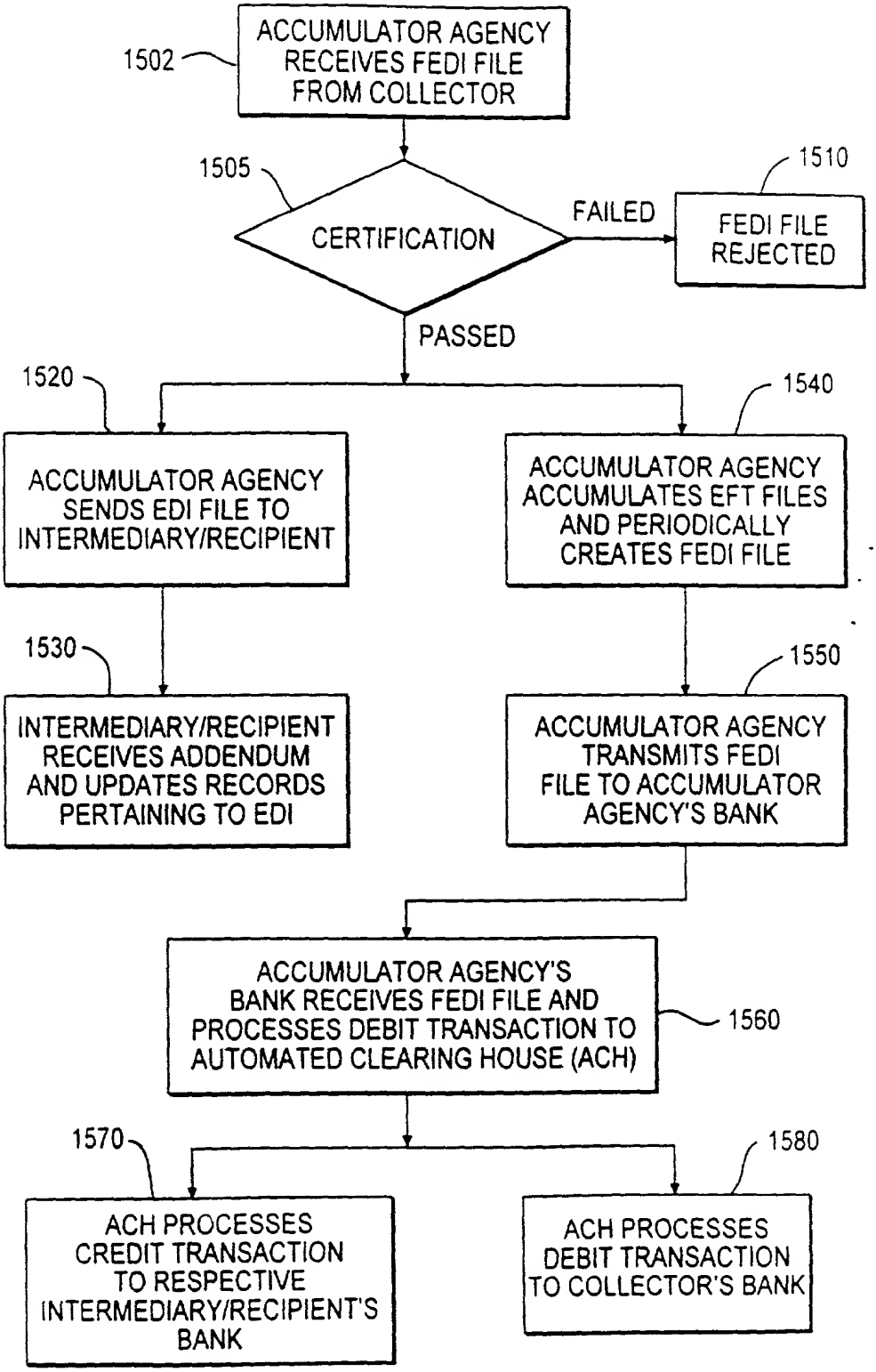
ACCUMULATOR AGENCY RECEIVES FEDI FILE FROM COLLECTOR
1502
1505
CERTIFICATION
FAILED
1510
FEDI FILE REJECTED
PASSED
1520
ACCUMULATOR AGENCY SENDS EDI FILE TO INTERMEDIARY/RECIPIENT
1540
ACCUMULATOR AGENCY ACCUMULATES EFT FILES AND PERIODICALLY CREATES FEDI FILE
1530
INTERMEDIARY/RECIPIENT RECEIVES ADDENDUM AND UPDATES RECORDS PERTAINING TO EDI
1550
ACCUMULATOR AGENCY TRANSMITS FEDI FILE TO ACCUMULATOR AGENCY'S BANK
ACCUMULATOR AGENCY'S BANK RECEIVES FEDI FILE AND PROCESSES DEBIT TRANSACTION TO AUTOMATED CLEARING HOUSE (ACH)
1560
1570
ACH PROCESSES CREDIT TRANSACTION TO RESPECTIVE INTERMEDIARY/RECIPIENT'S BANK
1580
ACH PROCESSES DEBIT TRANSACTION TO COLLECTOR'S BANK

FIG. 15

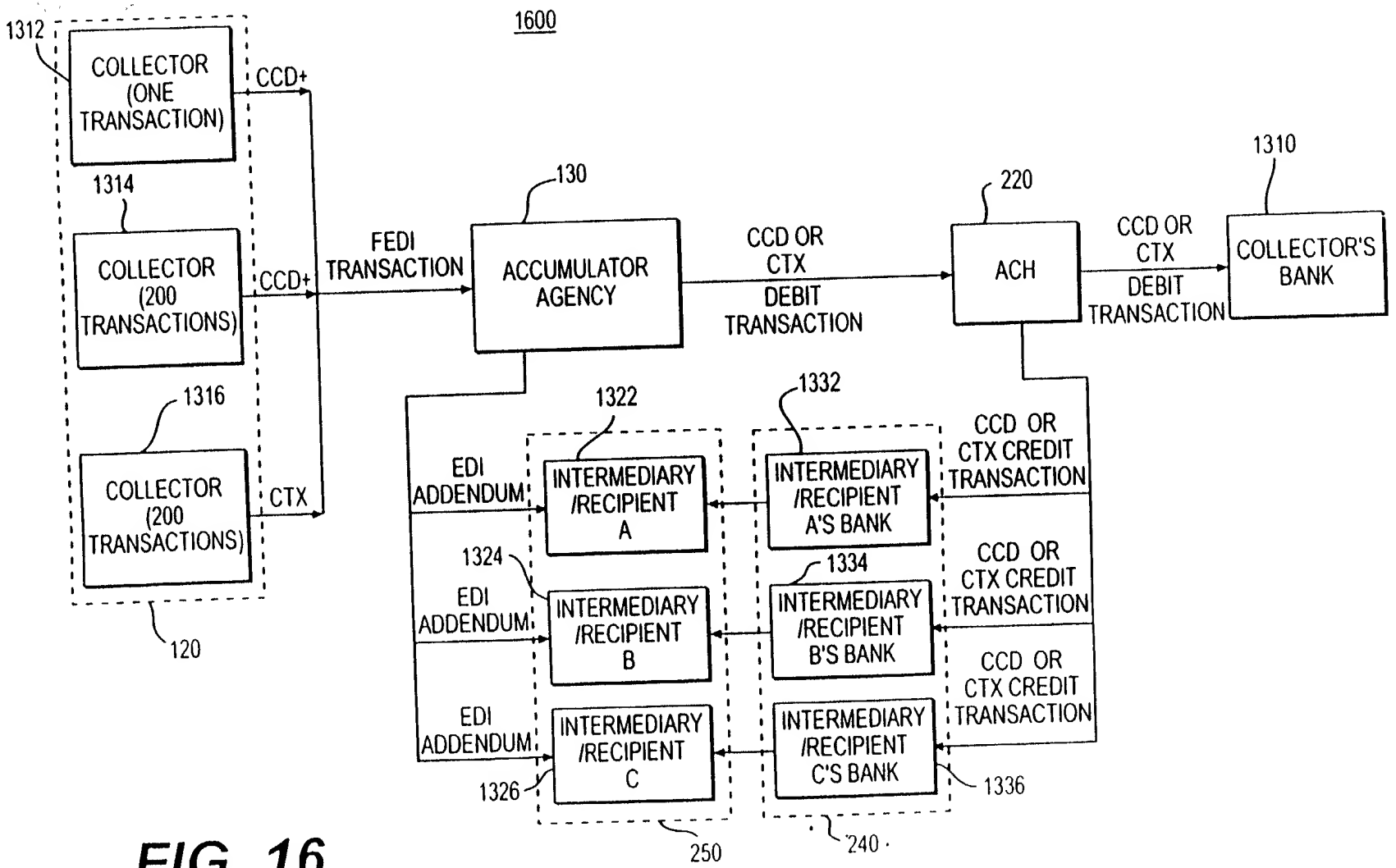
1600
1312
COLLECTOR (ONE TRANSACTION)
CCD+
1314
COLLECTOR (200 TRANSACTIONS)
CCD+
1316
COLLECTOR (200 TRANSACTIONS)
CTX
120
FEDI TRANSACTION
130
ACCUMULATOR AGENCY
CCD OR CTX DEBIT TRANSACTION
220
ACH
CCD OR CTX DEBIT TRANSACTION
1310
COLLECTOR'S BANK
1322
1332
EDI ADDENDUM
INTERMEDIARY /RECIPIENT A
INTERMEDIARY /RECIPIENT A'S BANK
CCD OR CTX CREDIT TRANSACTION
1324
1334
EDI ADDENDUM
INTERMEDIARY /RECIPIENT B
INTERMEDIARY /RECIPIENT B'S BANK
CCD OR CTX CREDIT TRANSACTION
EDI ADDENDUM
INTERMEDIARY /RECIPIENT C
INTERMEDIARY /RECIPIENT C'S BANK
CCD OR CTX CREDIT TRANSACTION
1326
1336
250
240

FIG. 16

20HTTO' S98E760

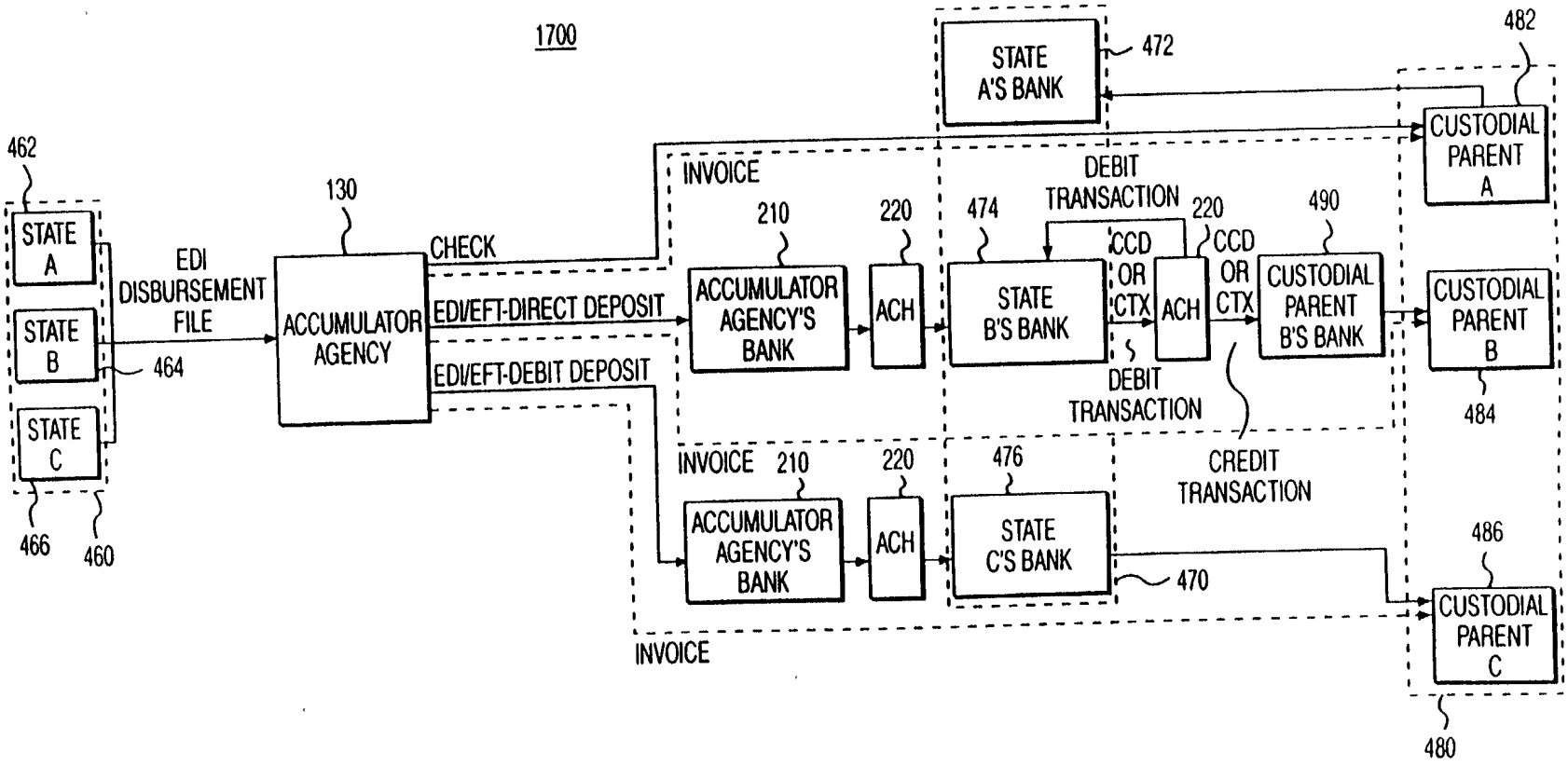

FIG. 17

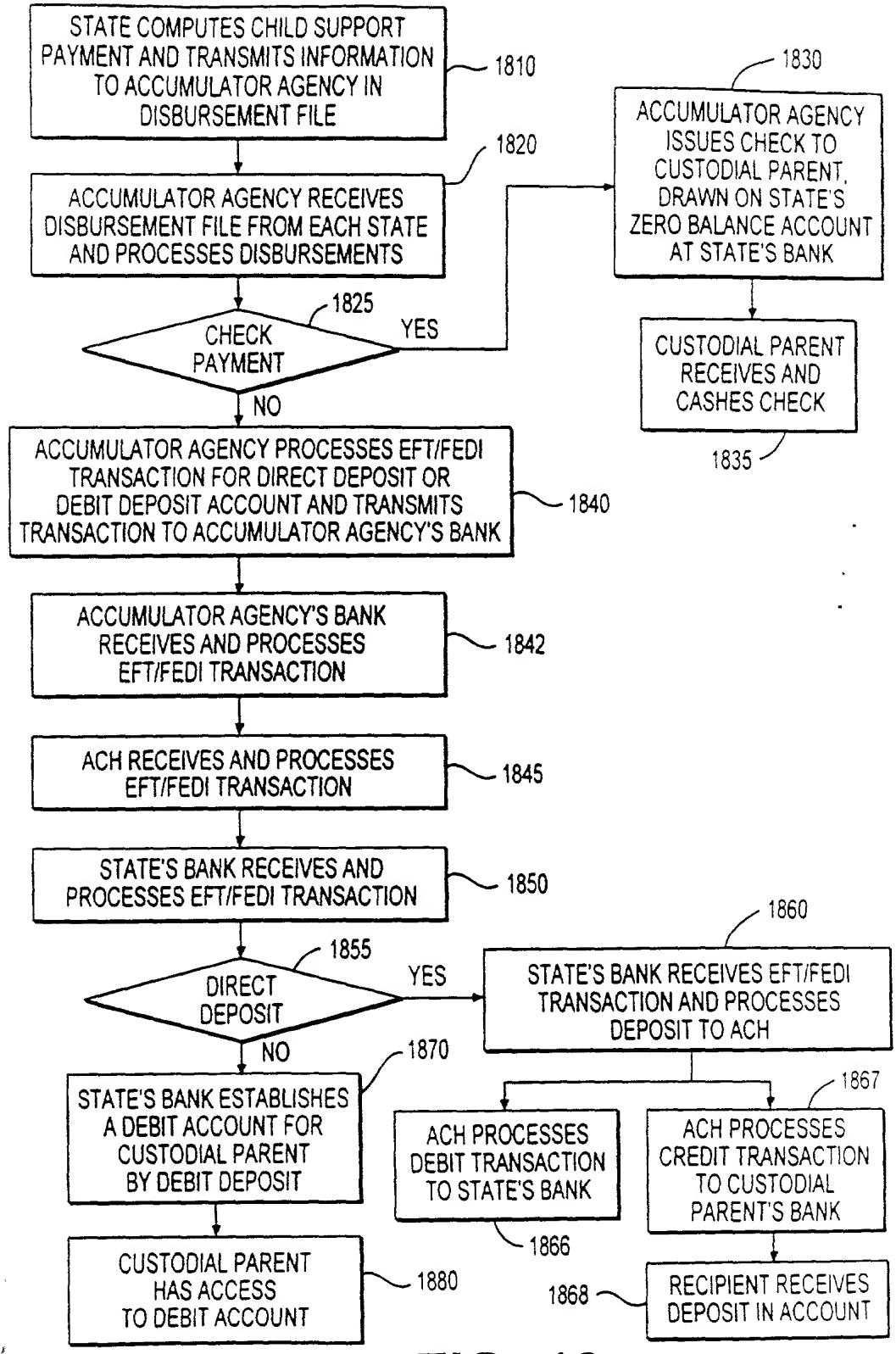

FIG. 18

6,094,649

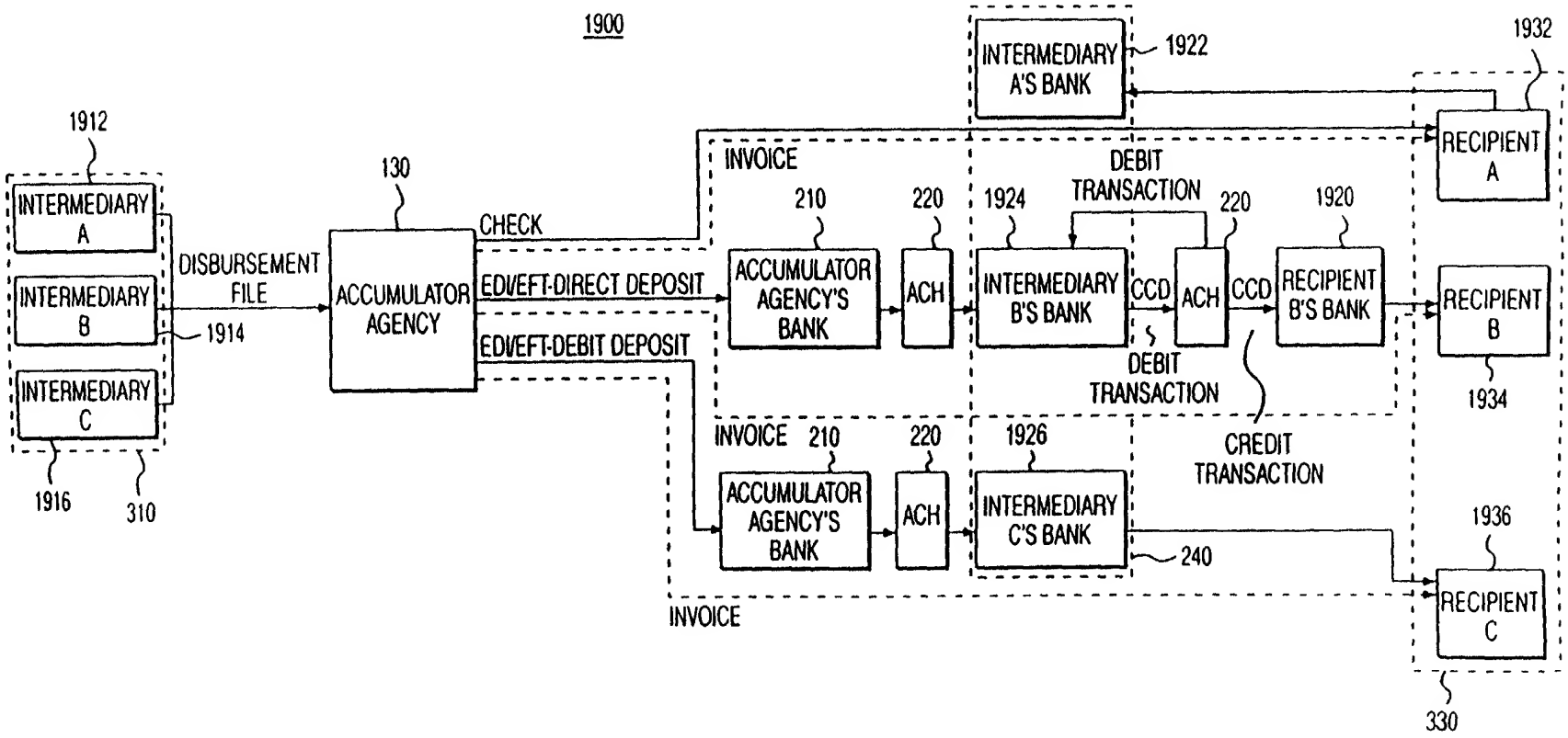
1900
1912
INTERMEDIARY A
INTERMEDIARY B
INTERMEDIARY C
1916
310
DISBURSEMENT FILE
1914
130
ACCUMULATOR AGENCY
CHECK
EDI/EFT-DIRECT DEPOSIT
EDI/EFT-DEBIT DEPOSIT
INTERMEDIARY A'S BANK
1922
1932
RECIPIENT A
INVOICE
210
220
ACCUMULATOR AGENCY'S BANK
ACH
1924
INTERMEDIARY B'S BANK
DEBIT TRANSACTION
CCD
ACH
220
CCD
1920
RECIPIENT B'S BANK
RECIPIENT B
1934
DEBIT TRANSACTION
CREDIT TRANSACTION
INVOICE
210
220
1926
ACCUMULATOR AGENCY'S BANK
ACH
INTERMEDIARY C'S BANK
240
1936
RECIPIENT C
INVOICE
330

FIG. 19

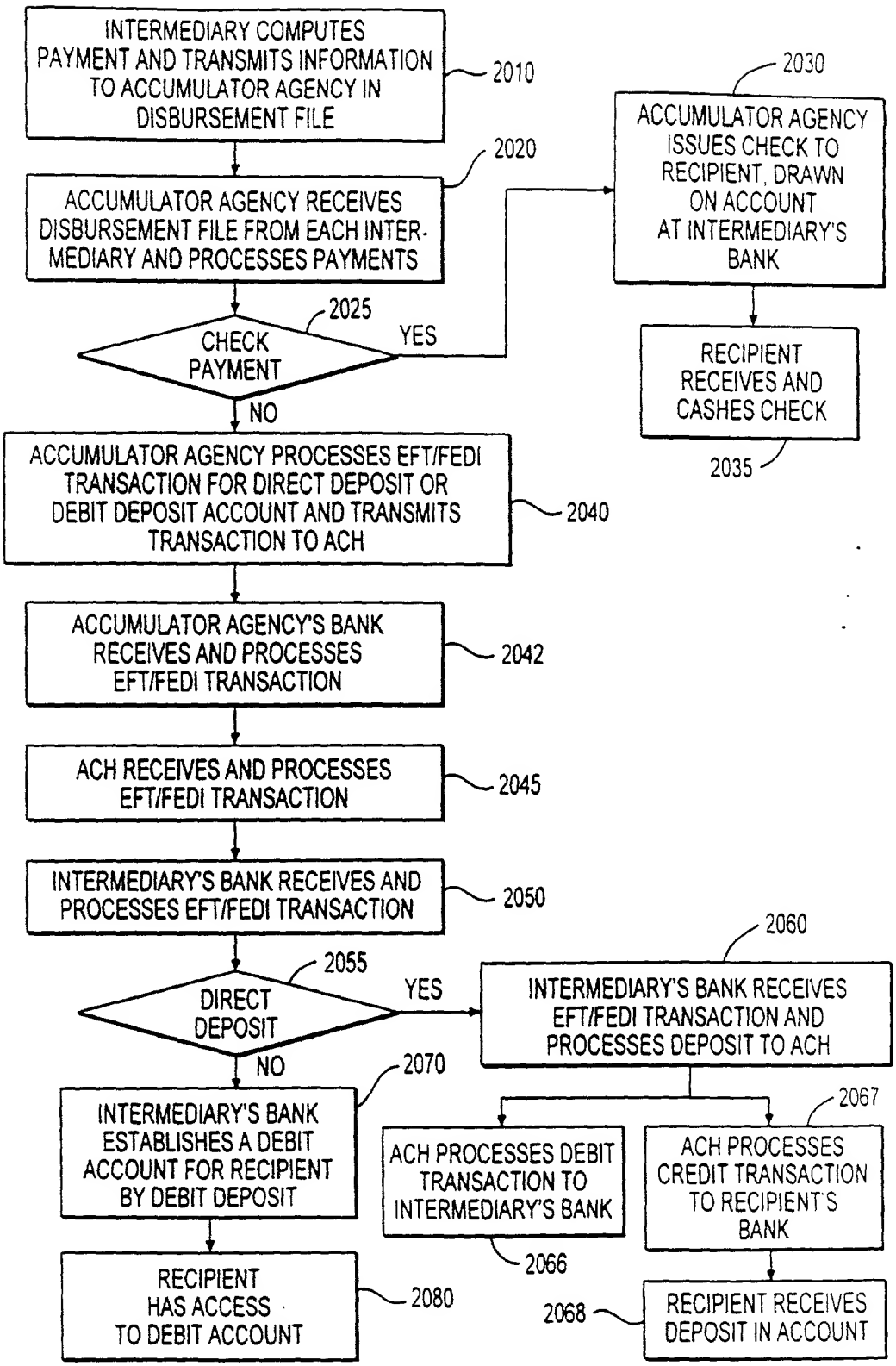
INTERMEDIARY COMPUTES PAYMENT AND TRANSMITS INFORMATION TO ACCUMULATOR AGENCY IN DISBURSEMENT FILE
2010
ACCUMULATOR AGENCY RECEIVES DISBURSEMENT FILE FROM EACH INTERMEDIARY AND PROCESSES PAYMENTS
2020
CHECK PAYMENT
2025
YES
NO
ACCUMULATOR AGENCY ISSUES CHECK TO RECIPIENT, DRAWN ON ACCOUNT AT INTERMEDIARY'S BANK
2030
RECIPIENT RECEIVES AND CASHES CHECK
2035
ACCUMULATOR AGENCY PROCESSES EFT/FEDI TRANSACTION FOR DIRECT DEPOSIT OR DEBIT DEPOSIT ACCOUNT AND TRANSMITS TRANSACTION TO ACH
2040
ACCUMULATOR AGENCY'S BANK RECEIVES AND PROCESSES EFT/FEDI TRANSACTION
2042
ACH RECEIVES AND PROCESSES EFT/FEDI TRANSACTION
2045
INTERMEDIARY'S BANK RECEIVES AND PROCESSES EFT/FEDI TRANSACTION
2050
DIRECT DEPOSIT
2055
YES
NO
INTERMEDIARY'S BANK RECEIVES EFT/FEDI TRANSACTION AND PROCESSES DEPOSIT TO ACH
2060
INTERMEDIARY'S BANK ESTABLISHES A DEBIT ACCOUNT FOR RECIPIENT BY DEBIT DEPOSIT
2070
ACH PROCESSES DEBIT TRANSACTION TO INTERMEDIARY'S BANK
2066
ACH PROCESSES CREDIT TRANSACTION TO RECIPIENT'S BANK
2067
RECIPIENT HAS ACCESS TO DEBIT ACCOUNT
2080
RECIPIENT RECEIVES DEPOSIT IN ACCOUNT
2068

FIG. 20

20TTO 598E660

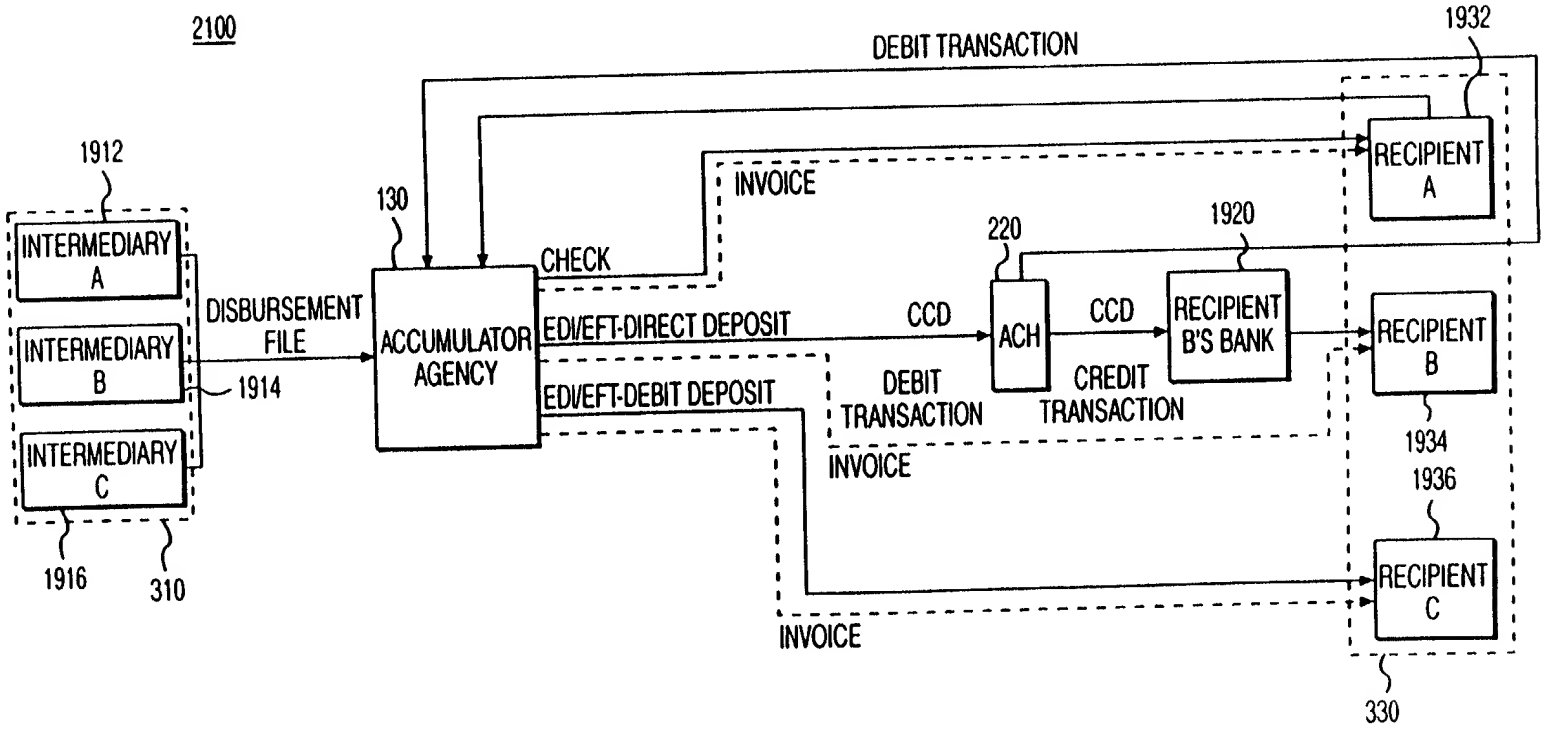

FIG. 21